

[Name of document] Abstract

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[Object] There is provided a shadow mask having a plurality of slots forming beam spots, each having substantially a rectangular shape, is formed uniformly on a fluorescent surface of a color Braun tube.

[Mean to solve the problems] The shadow mask of the present invention is formed with a slot having substantially a rectangular shape and formed at a portion near an axis of ordinate passing a central portion of the shadow mask and a curved slot formed on an outer peripheral side thereof apart from the axis of ordinate. The rectangular slot is composed of a back side opening formed on an electron beam incident side through an etching process so as to have substantially a rectangular shape, a front side opening formed through the etching process so as to have substantially a rectangular shape having a large area so as to allow the electron beam to pass and side wall sections inclining between the back side opening and the front side opening. The curved slot is composed of a back side opening 11 formed on the electron beam incident side through the etching process so as to be curved such that both longitudinal end portion thereof are apart from the axis of ordinate, a front side opening 2 formed through the etching process so as to have substantially a rectangular shape having a large area so as to allow the electron beam to pass and side wall sections 3, ---, 6 inclining between the back side opening 11 and the front side opening 2. The curving of the back side opening 11 of the curved slot becomes large as both the longitudinal end portions are apart from the axis of ordinate.

[Selected Drawing] Fig. 3